

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-74869

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Sand Wash Unit

8. Lease Name and Well No.

Sand Wash Federal R-31-8-17

9. API Well No.

43-013-34033

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

10. Field and Pool, or Exploratory

Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NW/SE 1973' FSL 2055' FEL

At proposed prod. zone 1445' FSL 2595' FEL

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 31, T8S R17E

14. Distance in miles and direction from nearest town or post office*

Approximatley 11.2 miles south of Myton, Utah

12. County or Parish

Duchesne

13. State

UT

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 1445' f/lease, 1445' f/unit

16. No. of Acres in lease

1177.07

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1167'

19. Proposed Depth

6260'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5332' GL

22. Approximate date work will start*

4th Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Name (Printed/Typed)

Date

Mandie Crozier

7/14/08

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

BRADLEY G. HILL

07-31-08

Title

ENVIRONMENTAL MANAGER

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

JUL 17 2008

DIV. OF OIL, GAS & MINING

Surf

581316X

44360374

40.072565

-110.046399

BHL

581153X

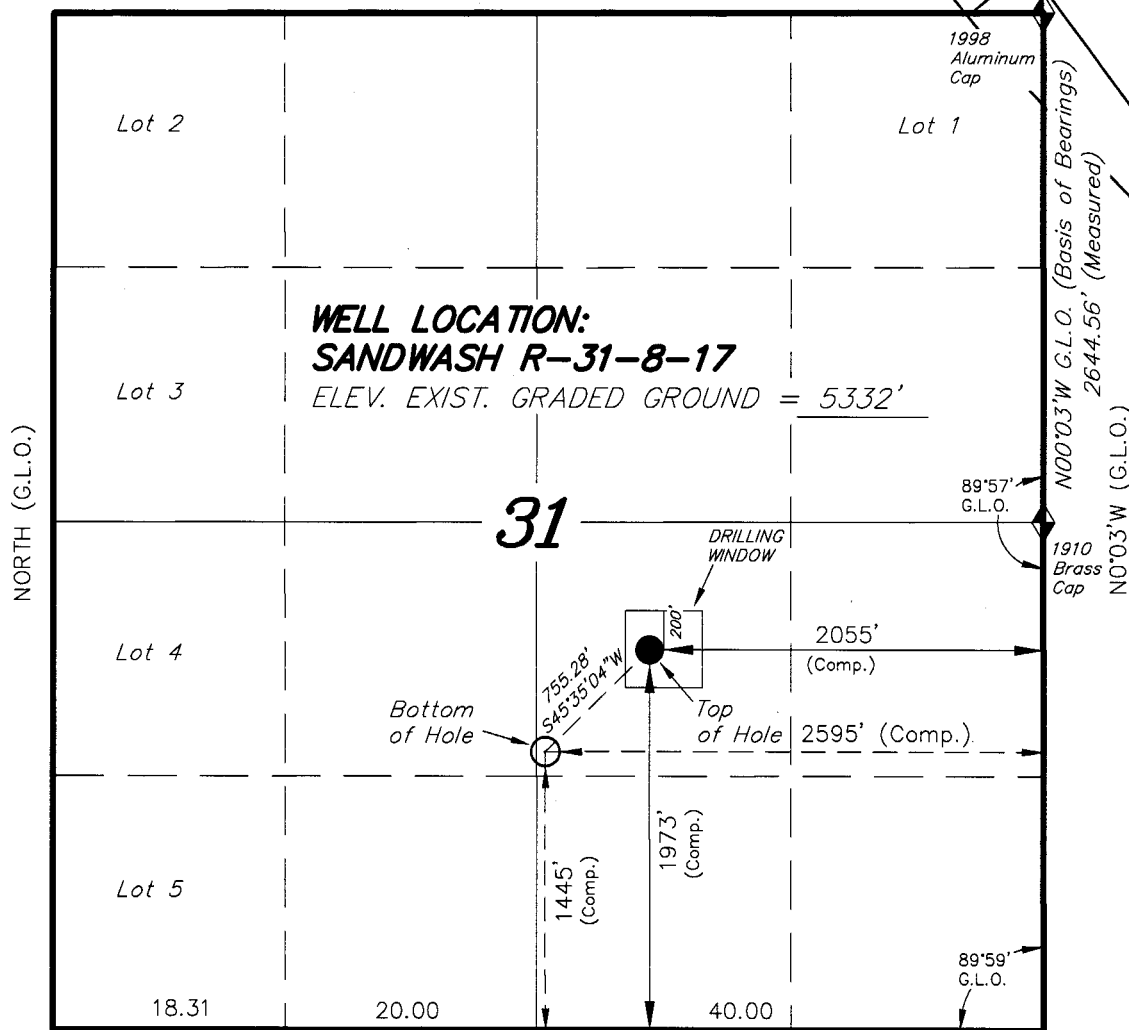
44358744

40.071114

-110.048331

T8S, R17E, S.L.B.&M.

N89°51'E - 78.20 (G.L.O.)



N89°58'E - 78.31 (G.L.O.)

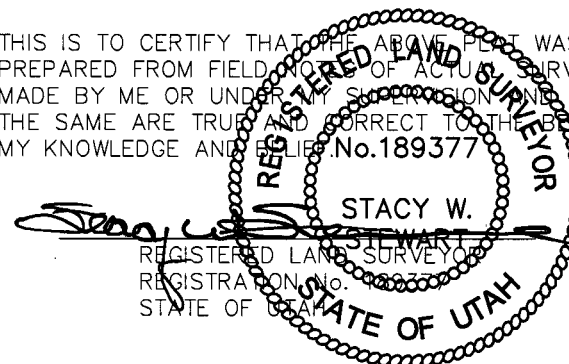
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SANDWASH R-31-8-17,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 31, T8S, R17E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



Note:
The Proposed Well head bears
S72°06'20"W 2158.91' from the East
1/4 Corner of Section 31.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-12-08	SURVEYED BY: T.H.
DATE DRAWN: 05-13-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



= SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SANDWASH R-31-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 21.33"
LONGITUDE = 110° 02' 49.91"

**NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL R-31-8-17
AT SURFACE: NW/SE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1599'
Green River	1599'
Wasatch	6260'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1599' – 6260' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
SAND WASH FEDERAL R-31-8-17
AT SURFACE: NW/SE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sand Wash Federal R-31-8-17 located in the NW 1/4 SE 1/4 Section 31, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly – 8.8 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly – 1.0 miles \pm to it's junction with the beginning of the access road to the existing Sand Wash Federal 10-31T-8-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Sand Wash Federal 10-31T-8-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Sand Wash Federal 10-31T-8-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sand Wash Federal R-31-8-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Sand Wash Federal R-31-8-17 will be drilled off of the existing Sand Wash Federal 10-31T-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Ferruginous Hawk: Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Sand Wash Federal R-31-8-17 was on-sited on 6/11/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

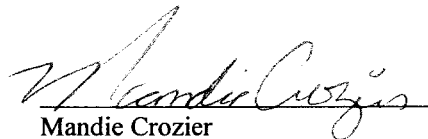
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-31-8-17 NW/SE Section 31, Township 8S, Range 17E: Lease UTU-74869 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/14/08

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Sandwash
Well: Sandwash R-31-8-17
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

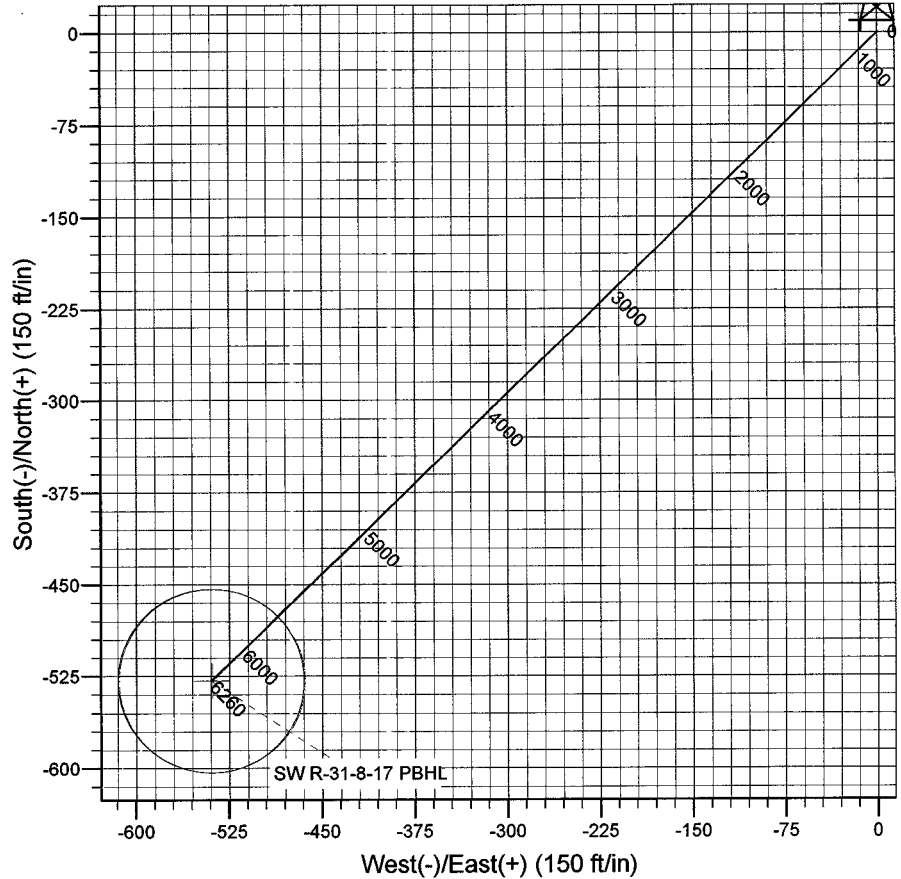
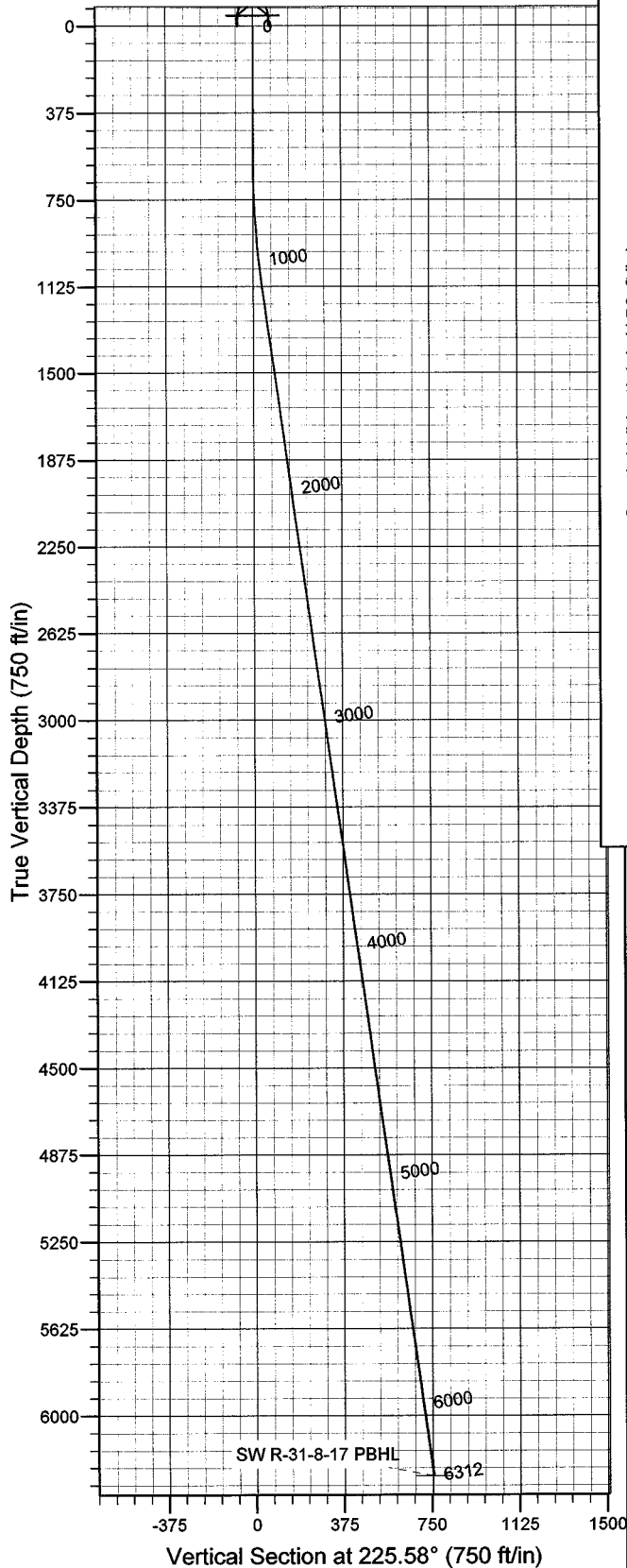


Azimuths to True North
Magnetic North: 11.67°

Magnetic Field
Strength: 52603.3snT
Dip Angle: 65.90°
Date: 2008-07-13
Model: IGRF2005-10

WELL DETAILS: Sandwash R-31-8-17

GL 5332' & RKB 12' @ 5344.00ft 5332.00
+N/-S 0.00 +E/-W 0.00 Northing 7198481.52 Easting 2046955.50 Latitude 40° 4' 21.330 N Longitude 110° 2' 49.910 W



Plan: Plan #1 (Sandwash R-31-8-17/OH)

Created By: Julie Cruse Date: 2008-07-13

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1131.40	7.97	225.58	1129.69	-25.83	-26.36	1.50	225.58	36.91	
6311.76	7.97	225.58	6260.00	-528.63	-539.44	0.00	0.00	755.28	SW R-31-8-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Sandwash

Sandwash R-31-8-17

OH

Plan: Plan #1

Standard Planning Report

13 July, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sandwash
Well: Sandwash R-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash R-31-8-17
TVD Reference: GL 5332' & RKB 12' @ 5344.00ft
MD Reference: GL 5332' & RKB 12' @ 5344.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project Duchesne County, UT NAD83 UTC

Map System: US State Plane 1983

System Datum:

Mean Sea Level

Geo Datum: North American Datum 1983

Map Zone: Utah Central Zone

Site Sandwash,

Site Position:		Northing:	7,206,453.46 ft	Latitude:	40° 5' 40.520 N
From:	Lat/Long	Easting:	2,044,374.75 ft	Longitude:	110° 3' 21.450 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.93 °

Well Sandwash R-31-8-17, 1973' FSL 2055' FEL Sec 31 T8S R17E

Well Position	+N/-S	0.00 ft	Northing:	7,198,481.52 ft	Latitude:	40° 4' 21.330 N
	+E/-W	0.00 ft	Easting:	2,046,955.50 ft	Longitude:	110° 2' 49.910 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,332.00 ft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-07-13	11.67	65.90	52,603

Design Plan #1

Audit Notes:

Version: Phase: PLAN Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	225.58

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,131.40	7.97	225.58	1,129.69	-25.83	-26.36	1.50	1.50	0.00	225.58	
6,311.76	7.97	225.58	6,260.00	-528.63	-539.44	0.00	0.00	0.00	0.00	SW R-31-8-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sandwash
Well: Sandwash R-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash R-31-8-17
TVD Reference: GL 5332' & RKB 12' @ 5344.00ft
MD Reference: GL 5332' & RKB 12' @ 5344.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	225.58	699.99	-0.92	-0.93	1.31	1.50	1.50	0.00
800.00	3.00	225.58	799.91	-3.66	-3.74	5.23	1.50	1.50	0.00
900.00	4.50	225.58	899.69	-8.24	-8.41	11.77	1.50	1.50	0.00
1,000.00	6.00	225.58	999.27	-14.65	-14.95	20.92	1.50	1.50	0.00
1,100.00	7.50	225.58	1,098.57	-22.87	-23.34	32.68	1.50	1.50	0.00
1,131.40	7.97	225.58	1,129.69	-25.83	-26.36	36.91	1.50	1.50	0.00
1,200.00	7.97	225.58	1,197.62	-32.49	-33.15	46.42	0.00	0.00	0.00
1,300.00	7.97	225.58	1,296.66	-42.19	-43.06	60.28	0.00	0.00	0.00
1,400.00	7.97	225.58	1,395.69	-51.90	-52.96	74.15	0.00	0.00	0.00
1,500.00	7.97	225.58	1,494.73	-61.61	-62.87	88.02	0.00	0.00	0.00
1,600.00	7.97	225.58	1,593.76	-71.31	-72.77	101.89	0.00	0.00	0.00
1,700.00	7.97	225.58	1,692.79	-81.02	-82.67	115.75	0.00	0.00	0.00
1,800.00	7.97	225.58	1,791.83	-90.72	-92.58	129.62	0.00	0.00	0.00
1,900.00	7.97	225.58	1,890.86	-100.43	-102.48	143.49	0.00	0.00	0.00
2,000.00	7.97	225.58	1,989.90	-110.14	-112.39	157.36	0.00	0.00	0.00
2,100.00	7.97	225.58	2,088.93	-119.84	-122.29	171.22	0.00	0.00	0.00
2,200.00	7.97	225.58	2,187.96	-129.55	-132.20	185.09	0.00	0.00	0.00
2,300.00	7.97	225.58	2,287.00	-139.25	-142.10	198.96	0.00	0.00	0.00
2,400.00	7.97	225.58	2,386.03	-148.96	-152.01	212.82	0.00	0.00	0.00
2,500.00	7.97	225.58	2,485.06	-158.66	-161.91	226.69	0.00	0.00	0.00
2,600.00	7.97	225.58	2,584.10	-168.37	-171.81	240.56	0.00	0.00	0.00
2,700.00	7.97	225.58	2,683.13	-178.08	-181.72	254.43	0.00	0.00	0.00
2,800.00	7.97	225.58	2,782.17	-187.78	-191.62	268.29	0.00	0.00	0.00
2,900.00	7.97	225.58	2,881.20	-197.49	-201.53	282.16	0.00	0.00	0.00
3,000.00	7.97	225.58	2,980.23	-207.19	-211.43	296.03	0.00	0.00	0.00
3,100.00	7.97	225.58	3,079.27	-216.90	-221.34	309.90	0.00	0.00	0.00
3,200.00	7.97	225.58	3,178.30	-226.61	-231.24	323.76	0.00	0.00	0.00
3,300.00	7.97	225.58	3,277.34	-236.31	-241.15	337.63	0.00	0.00	0.00
3,400.00	7.97	225.58	3,376.37	-246.02	-251.05	351.50	0.00	0.00	0.00
3,500.00	7.97	225.58	3,475.40	-255.72	-260.95	365.36	0.00	0.00	0.00
3,600.00	7.97	225.58	3,574.44	-265.43	-270.86	379.23	0.00	0.00	0.00
3,700.00	7.97	225.58	3,673.47	-275.14	-280.76	393.10	0.00	0.00	0.00
3,800.00	7.97	225.58	3,772.50	-284.84	-290.67	406.97	0.00	0.00	0.00
3,900.00	7.97	225.58	3,871.54	-294.55	-300.57	420.83	0.00	0.00	0.00
4,000.00	7.97	225.58	3,970.57	-304.25	-310.48	434.70	0.00	0.00	0.00
4,100.00	7.97	225.58	4,069.61	-313.96	-320.38	448.57	0.00	0.00	0.00
4,200.00	7.97	225.58	4,168.64	-323.66	-330.28	462.44	0.00	0.00	0.00
4,300.00	7.97	225.58	4,267.67	-333.37	-340.19	476.30	0.00	0.00	0.00
4,400.00	7.97	225.58	4,366.71	-343.08	-350.09	490.17	0.00	0.00	0.00
4,500.00	7.97	225.58	4,465.74	-352.78	-360.00	504.04	0.00	0.00	0.00
4,600.00	7.97	225.58	4,564.77	-362.49	-369.90	517.90	0.00	0.00	0.00
4,700.00	7.97	225.58	4,663.81	-372.19	-379.81	531.77	0.00	0.00	0.00
4,800.00	7.97	225.58	4,762.84	-381.90	-389.71	545.64	0.00	0.00	0.00
4,900.00	7.97	225.58	4,861.88	-391.61	-399.62	559.51	0.00	0.00	0.00
5,000.00	7.97	225.58	4,960.91	-401.31	-409.52	573.37	0.00	0.00	0.00
5,100.00	7.97	225.58	5,059.94	-411.02	-419.42	587.24	0.00	0.00	0.00
5,200.00	7.97	225.58	5,158.98	-420.72	-429.33	601.11	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sandwash
Well: Sandwash R-31-8-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sandwash R-31-8-17
TVD Reference: GL 5332' & RKB 12' @ 5344.00ft
MD Reference: GL 5332' & RKB 12' @ 5344.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	7.97	225.58	5,258.01	-430.43	-439.23	614.98	0.00	0.00	0.00
5,400.00	7.97	225.58	5,357.05	-440.14	-449.14	628.84	0.00	0.00	0.00
5,500.00	7.97	225.58	5,456.08	-449.84	-459.04	642.71	0.00	0.00	0.00
5,600.00	7.97	225.58	5,555.11	-459.55	-468.95	656.58	0.00	0.00	0.00
5,700.00	7.97	225.58	5,654.15	-469.25	-478.85	670.45	0.00	0.00	0.00
5,800.00	7.97	225.58	5,753.18	-478.96	-488.76	684.31	0.00	0.00	0.00
5,900.00	7.97	225.58	5,852.21	-488.66	-498.66	698.18	0.00	0.00	0.00
6,000.00	7.97	225.58	5,951.25	-498.37	-508.56	712.05	0.00	0.00	0.00
6,100.00	7.97	225.58	6,050.28	-508.08	-518.47	725.91	0.00	0.00	0.00
6,200.00	7.97	225.58	6,149.32	-517.78	-528.37	739.78	0.00	0.00	0.00
6,300.00	7.97	225.58	6,248.35	-527.49	-538.28	753.65	0.00	0.00	0.00
6,311.76	7.97	225.58	6,260.00	-528.63	-539.44	755.28	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SW R-31-8-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,260.00	-528.63	-539.44	7,197,944.20	2,046,424.72	40° 4' 16.105 N	110° 2' 56.849 W

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SANDWASH R-31-8-17 (Proposed Well)

SANDWASH 10-31-8-17 (Existing Well)

SANDWASH 15-31-8-17 (Existing Well)

Pad Location: NWSE Section 31, T8S, R17E, S.L.B.&M.

Future Pit

Pump Jack

Treater

Existing Tanks

N84°10'59"E

10-31T-8-17 (EXISTING)

Boiler

Pump Jack

15-31-8-17 (EXISTING)

R-31-8-17 (PROPOSED)

Existing Access

S45°35'04"W - 755.28'
(To Bottom Hole)

Approximate Well Bore

Edge of Existing Pad

Existing Stock Pile

TOP HOLE FOOTAGES

R-31-8-17 (PROPOSED)
1973' FSL & 2055' FEL

BOTTOM HOLE FOOTAGES

R-31-8-17 (PROPOSED)
1445' FSL & 2595' FEL

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
R-31-8-17	-529'	-539'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-31-8-17	40° 04' 21.33"	110° 02' 49.91"
10-31T-8-17	40° 04' 21.85"	110° 02' 49.63"
15-31-8-17	40° 04' 21.49"	110° 02' 49.75"

Note:

Bearings are based
on GLO Information.

SURVEYED BY: T.H.	DATE SURVEYED: 05-12-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-13-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

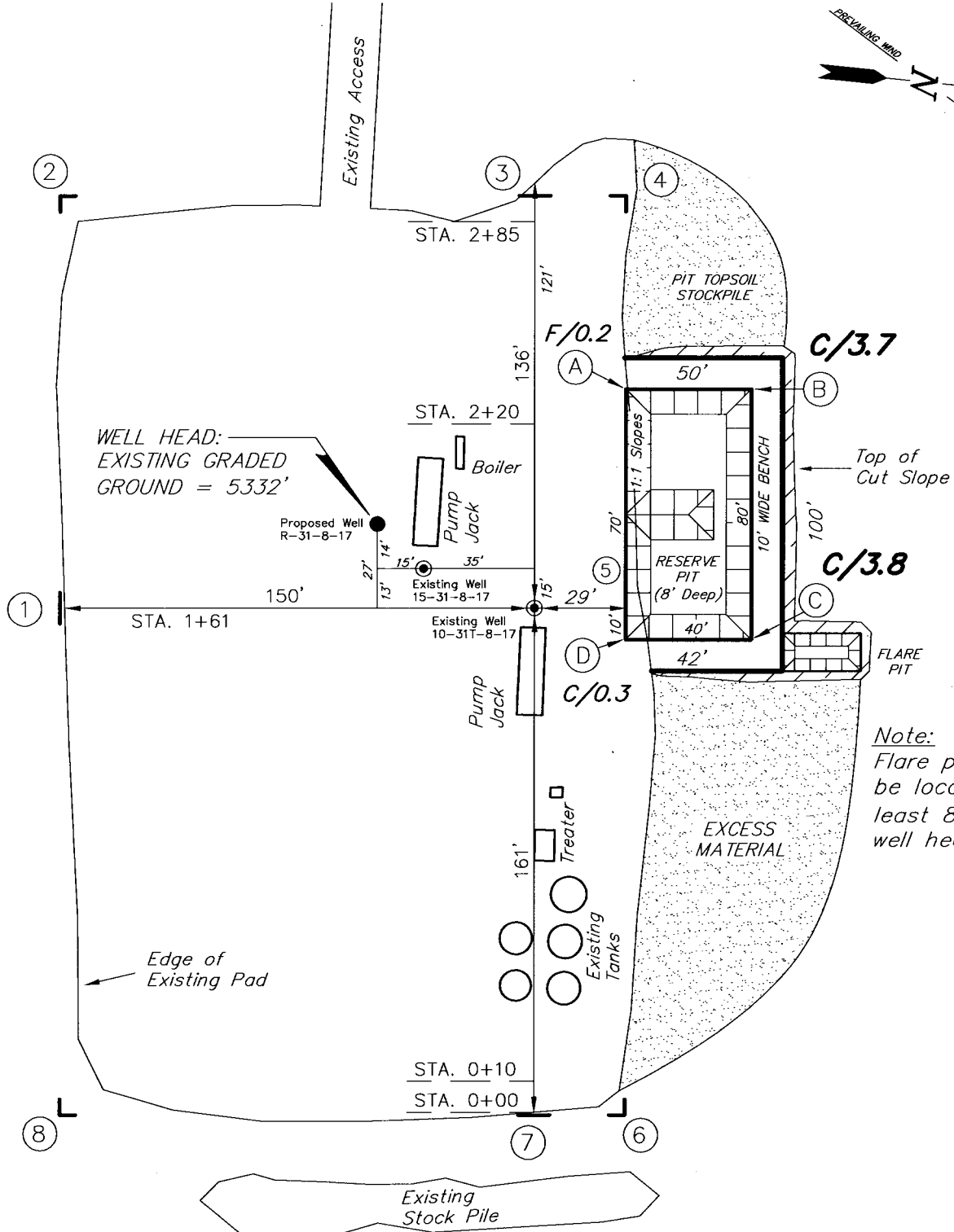
NEWFIELD PRODUCTION COMPANY

SANDWASH R-31-8-17 (Proposed Well)

SANDWASH 10-31-8-17 (Existing Well)

SANDWASH 15-31-8-17 (Existing Well)

Pad Location: NWSE Section 31, T8S, R17E, S.L.B.&M.



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.H.	DATE SURVEYED: 05-12-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-13-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

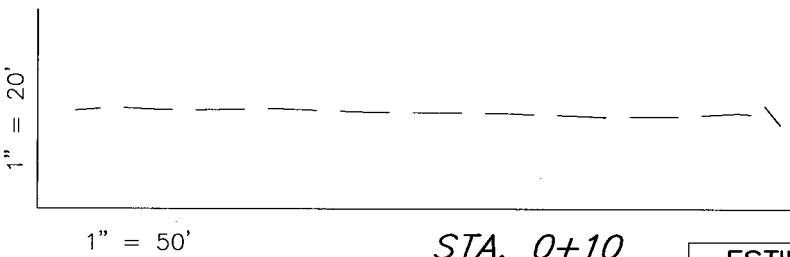
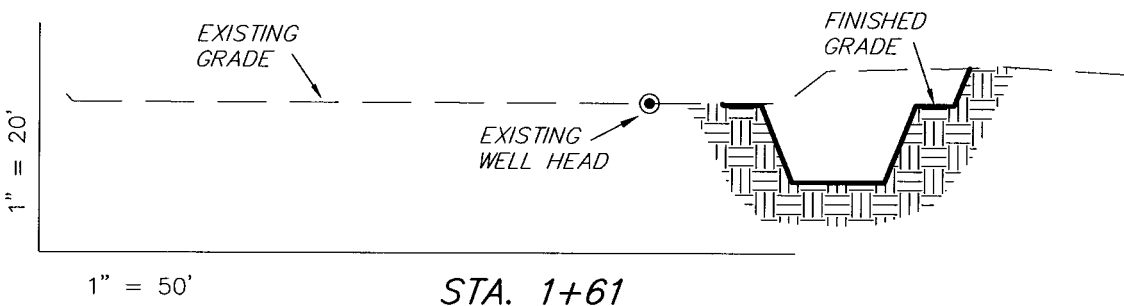
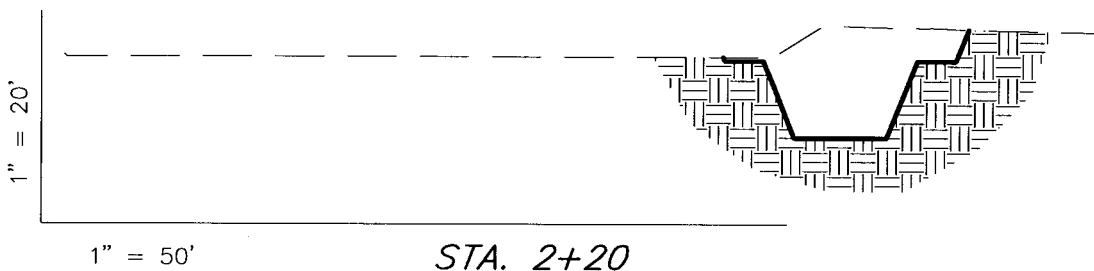
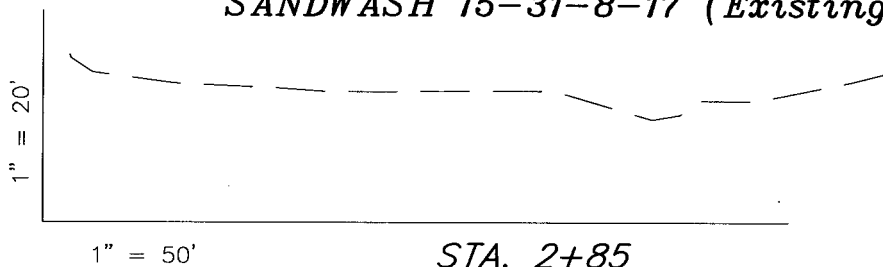
NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

SANDWASH R-31-8-17 (Proposed Well)

SANDWASH 10-31-8-17 (Existing Well)

SANDWASH 15-31-8-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	650	10	Topsoil is not included in Pad Cut	640
PIT	640	0		640
TOTALS	1,290	10	130	1,280

SURVEYED BY: T.H.	DATE SURVEYED: 05-12-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-13-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

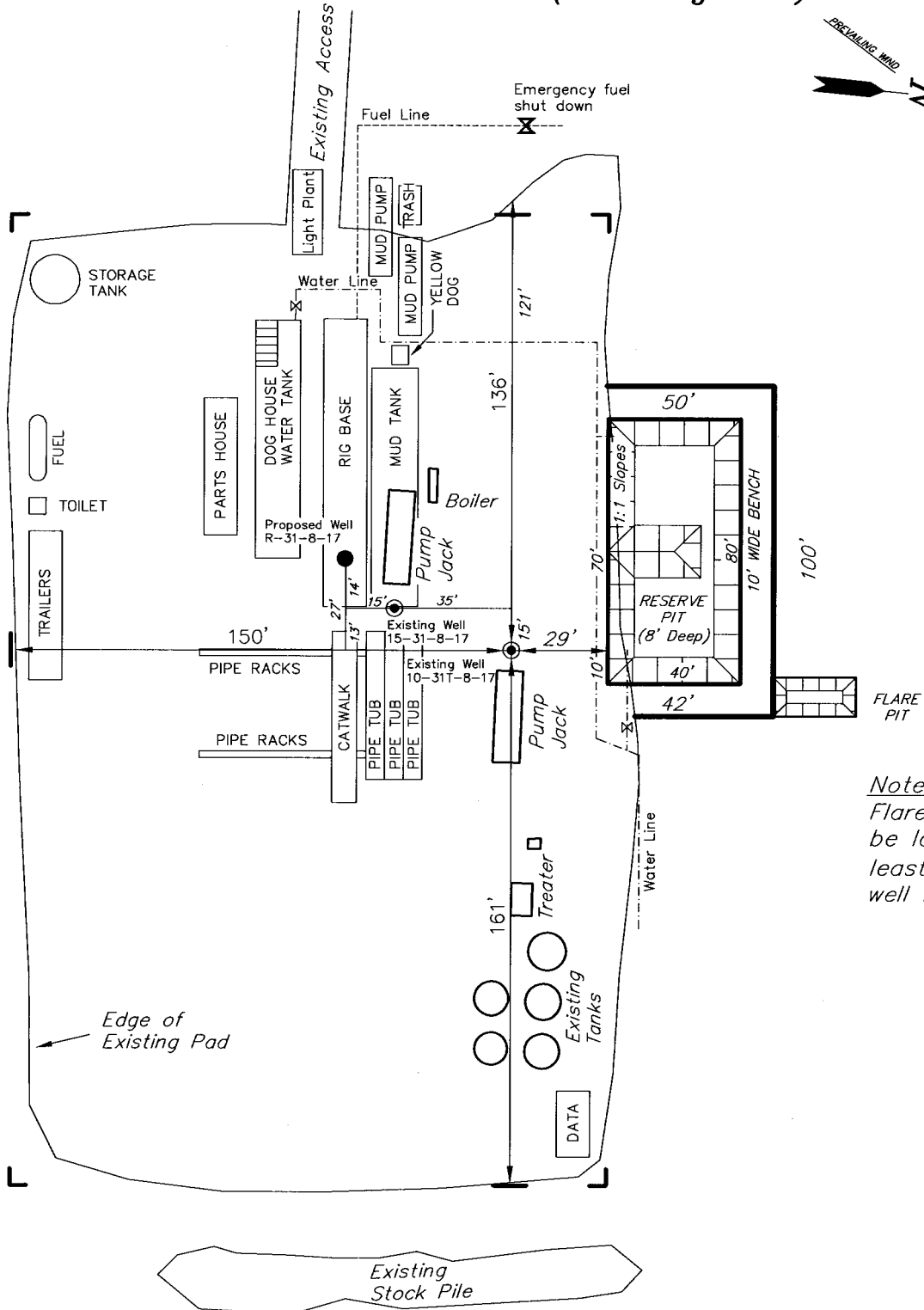
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SANDWASH R-31-8-17 (Proposed Well)

SANDWASH 10-31-8-17 (Existing Well)

SANDWASH 15-31-8-17 (Existing Well)



Note:
Flare pit is to
be located at
least 80' from
well head.

SURVEYED BY: T.H.	DATE SURVEYED: 05-12-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-13-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

Sandwash Federal R-31-8-17

From the 10-31T-8-17 Location

NW/SE Sec. 31, T8S, 17E

Duchesne County, Utah

UTU-74869

Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

- 1) Valves 1, 2, and 4 sealed closed
- 2) Valves 3, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 3, 4, 5, and 6 sealed closed
- 2) Valves 2 open

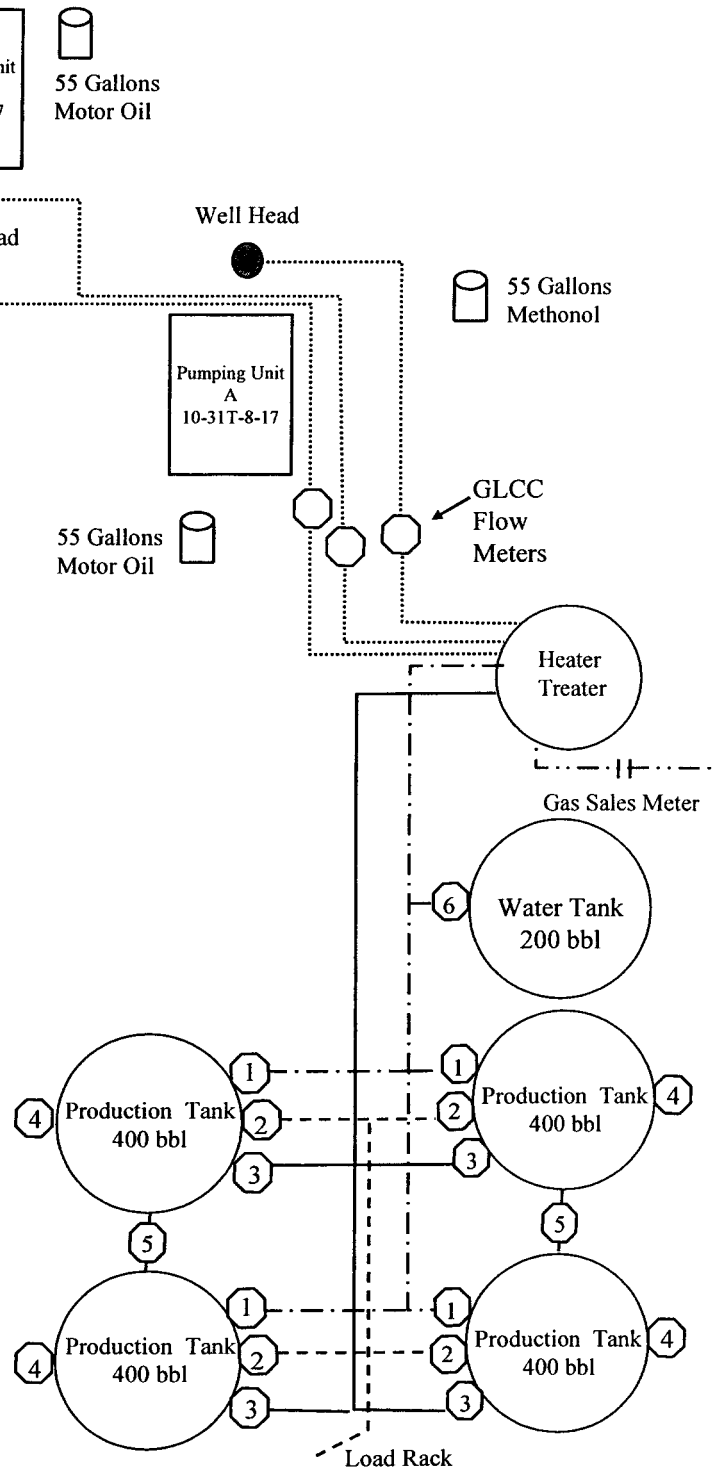
Draining Phase:

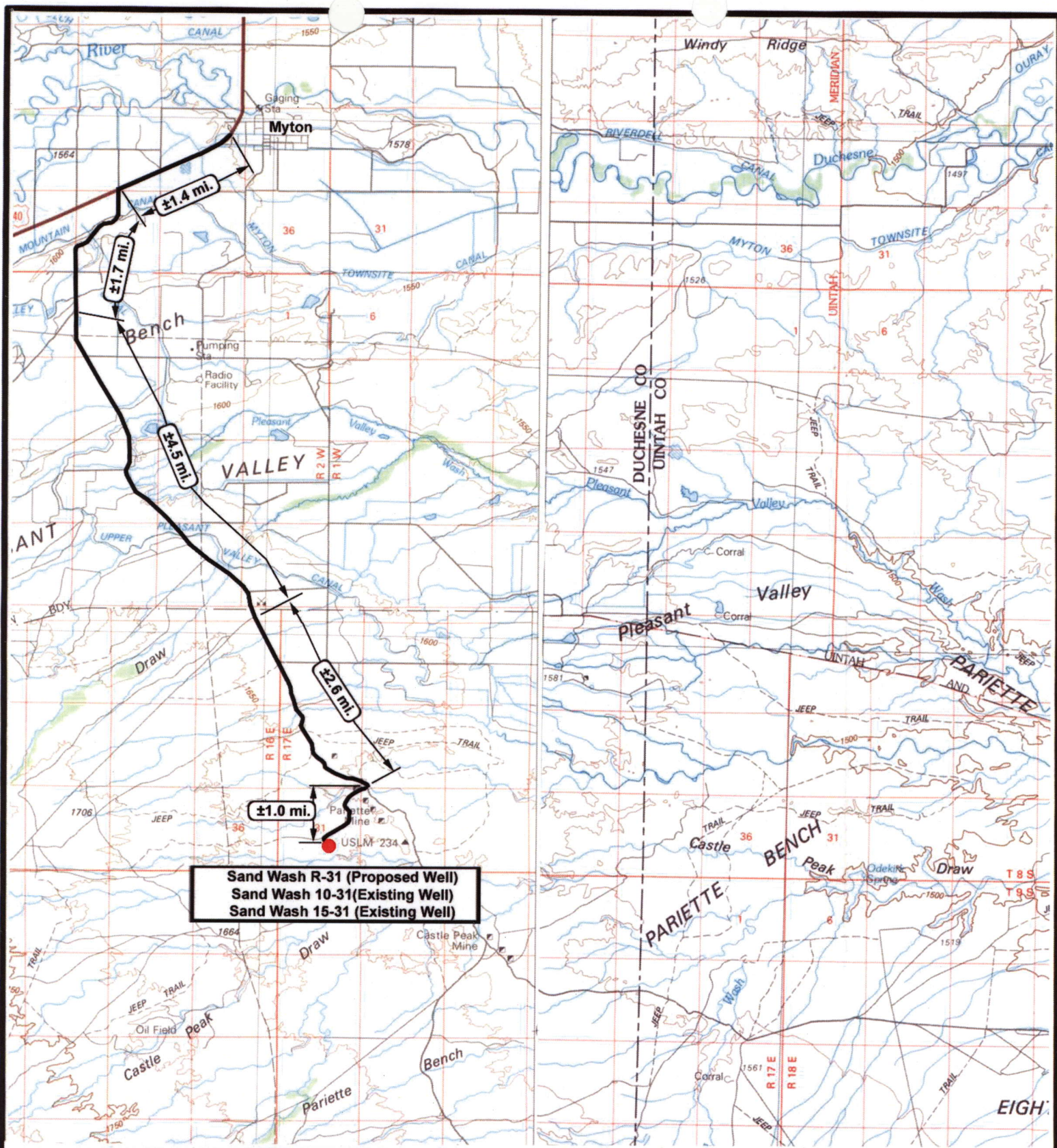
- 1) Valves 1 and 6 open

Legend

Emulsion Line
Load Line	----
Water Line	-.-.-.-
Oil Line	=====
Gas Sales	-.-.-.-.-

← Diked Section





NEWFIELD
Exploration Company

Sand Wash R-31-8-17 (Proposed Well)
Sand Wash 10-31-8-17 (Existing Well)
Sand Wash 15-31-8-17 (Existing Well)
Pad Location: NWSE SEC. 8, T8S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: JAS
DATE: 05-14-2008

Legend


Existing Road

TOPOGRAPHIC MAP

"A"



Sand Wash R-31 (Proposed Well)
Sand Wash 10-31 (Existing Well)
Sand Wash 15-31 (Existing Well)



NEWFIELD
Exploration Company

Sand Wash R-31-8-17 (Proposed Well)
Sand Wash 10-31-8-17 (Existing Well)
Sand Wash 15-31-8-17 (Existing Well)
Pad Location: NWSE SEC. 8, T8S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

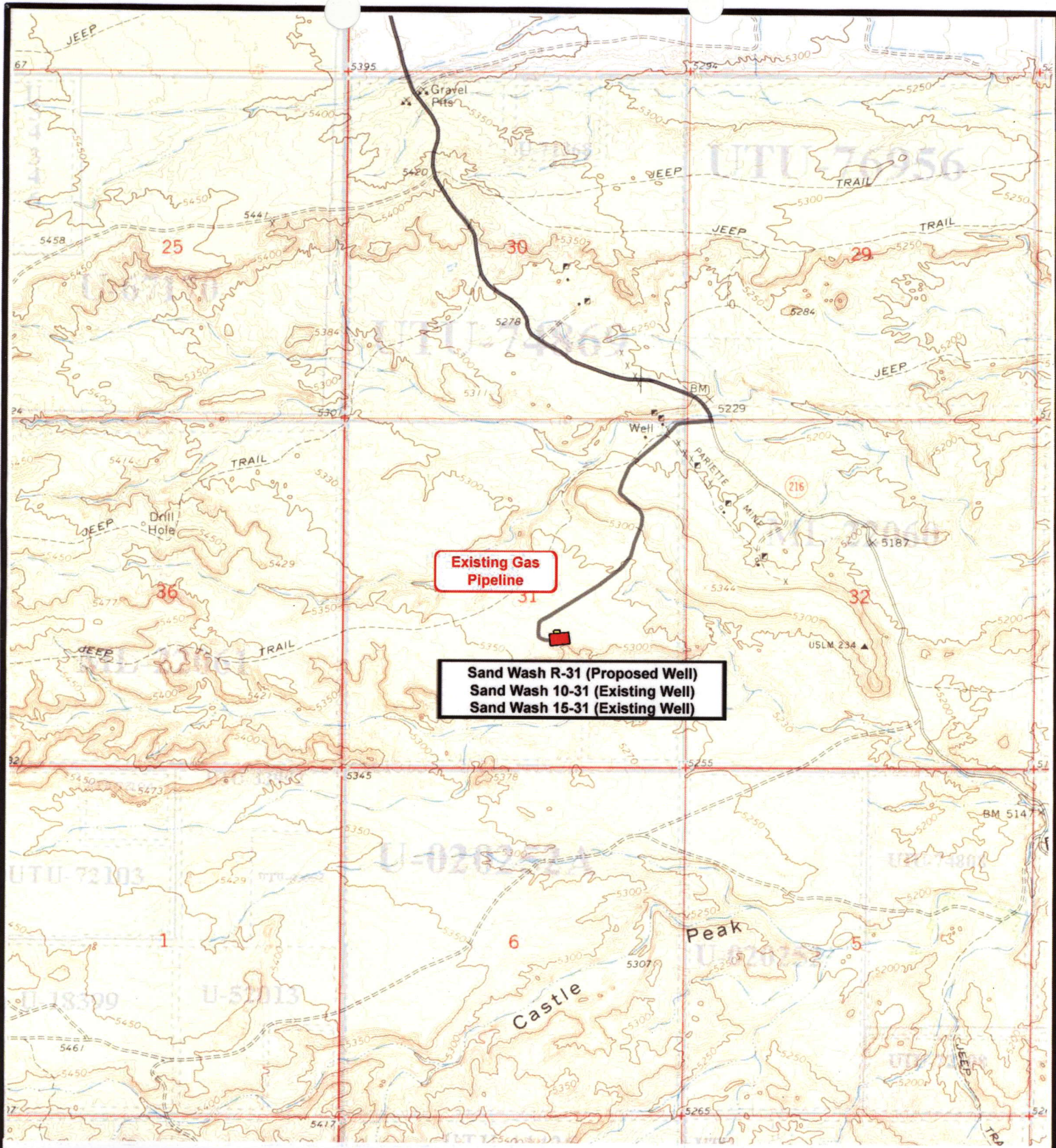
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 05-17-2008


Legend

Existing Road

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

Sand Wash R-31-8-17 (Proposed Well)
Sand Wash 10-31-8-17 (Existing Well)
Sand Wash 15-31-8-17 (Existing Well)
Pad Location: NWSE SEC. 8, T8S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: JAS
DATE: 05-17-2008

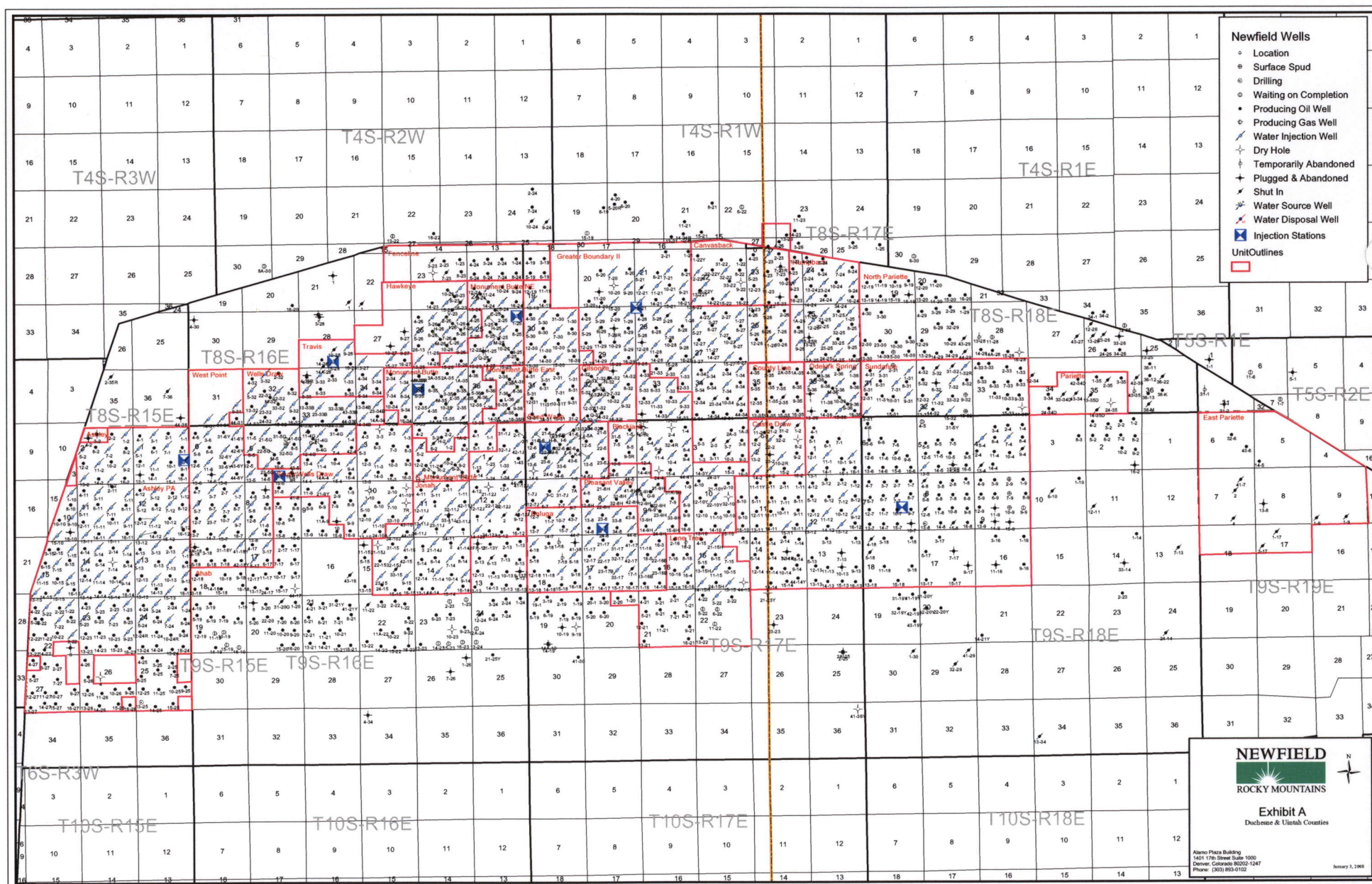
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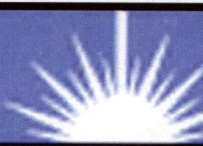
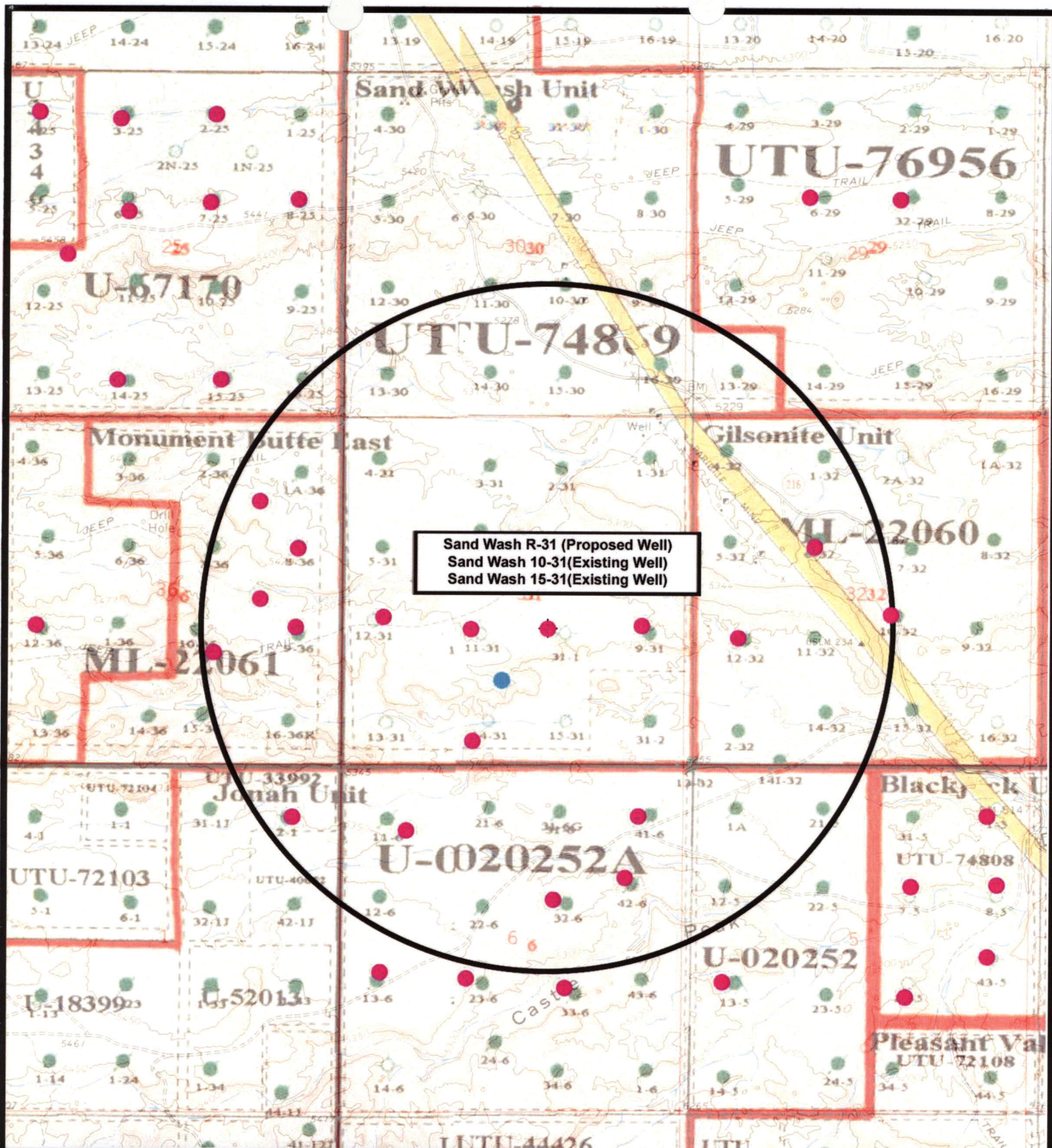
Roads

Proposed Water Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

Sand Wash R-31-8-17 (Proposed Well)
Sand Wash 10-31-8-17 (Existing Well)
Sand Wash 15-31-8-17(Existing Well)
Pad Location: NWSE SEC. 8, T8S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 05-14-2008

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

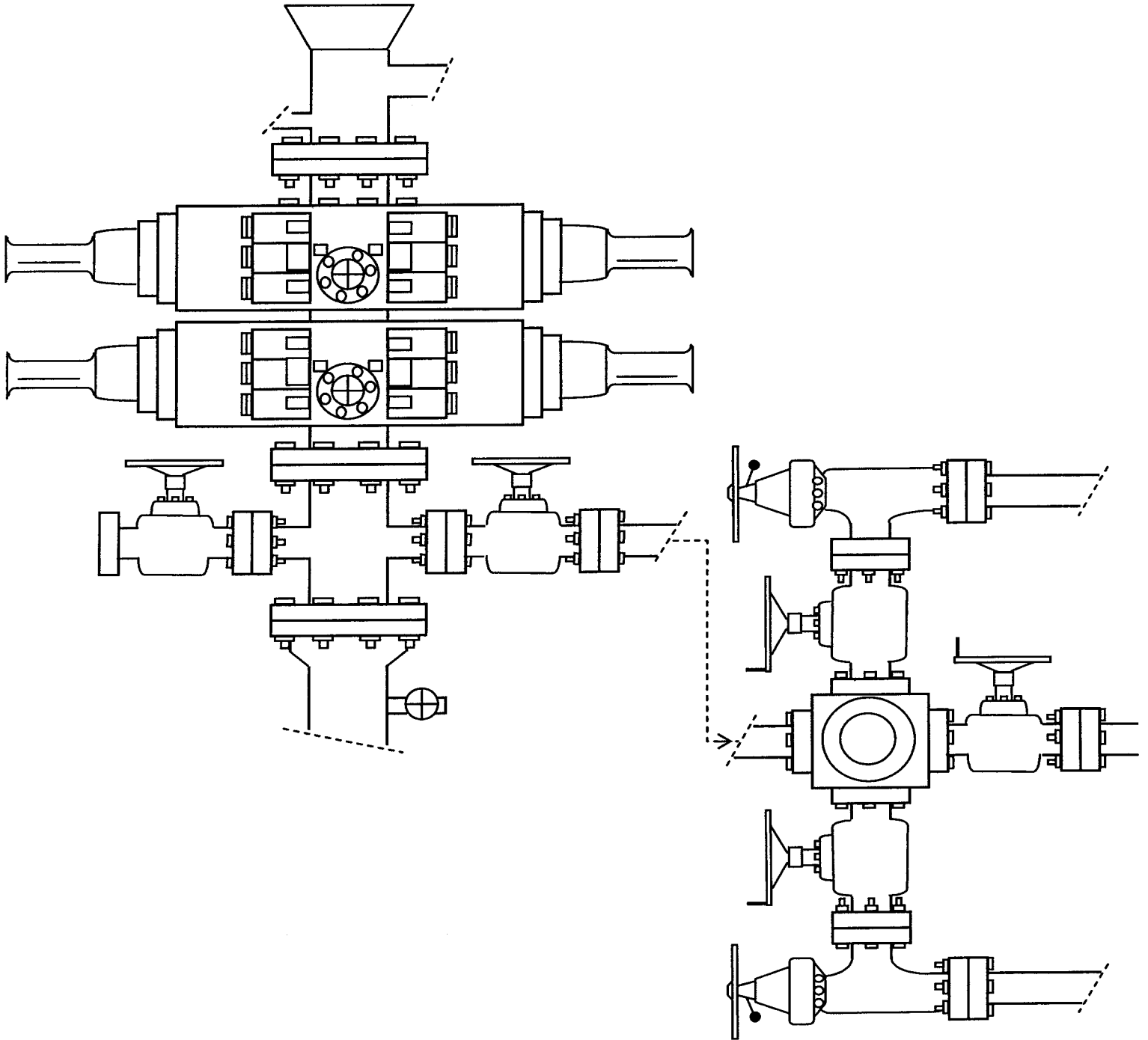


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/17/2008

API NO. ASSIGNED: 43-013-34033

WELL NAME: SAND WASH FED R-31-8-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 31 080S 170E

SURFACE: 1973 FSL 2055 FEL

BOTTOM: 1445 FSL 2595 FEL

COUNTY: DUCHESNE

LATITUDE: 40.07257 LONGITUDE: -110.0464

UTM SURF EASTINGS: 581316 NORTHINGS: 4436037

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74869

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-10136)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.

Unit: SAND WASH (GRRV)

☐ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☐ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 229.2

Eff Date: 11-4-1997

Siting: Suspended General Siting

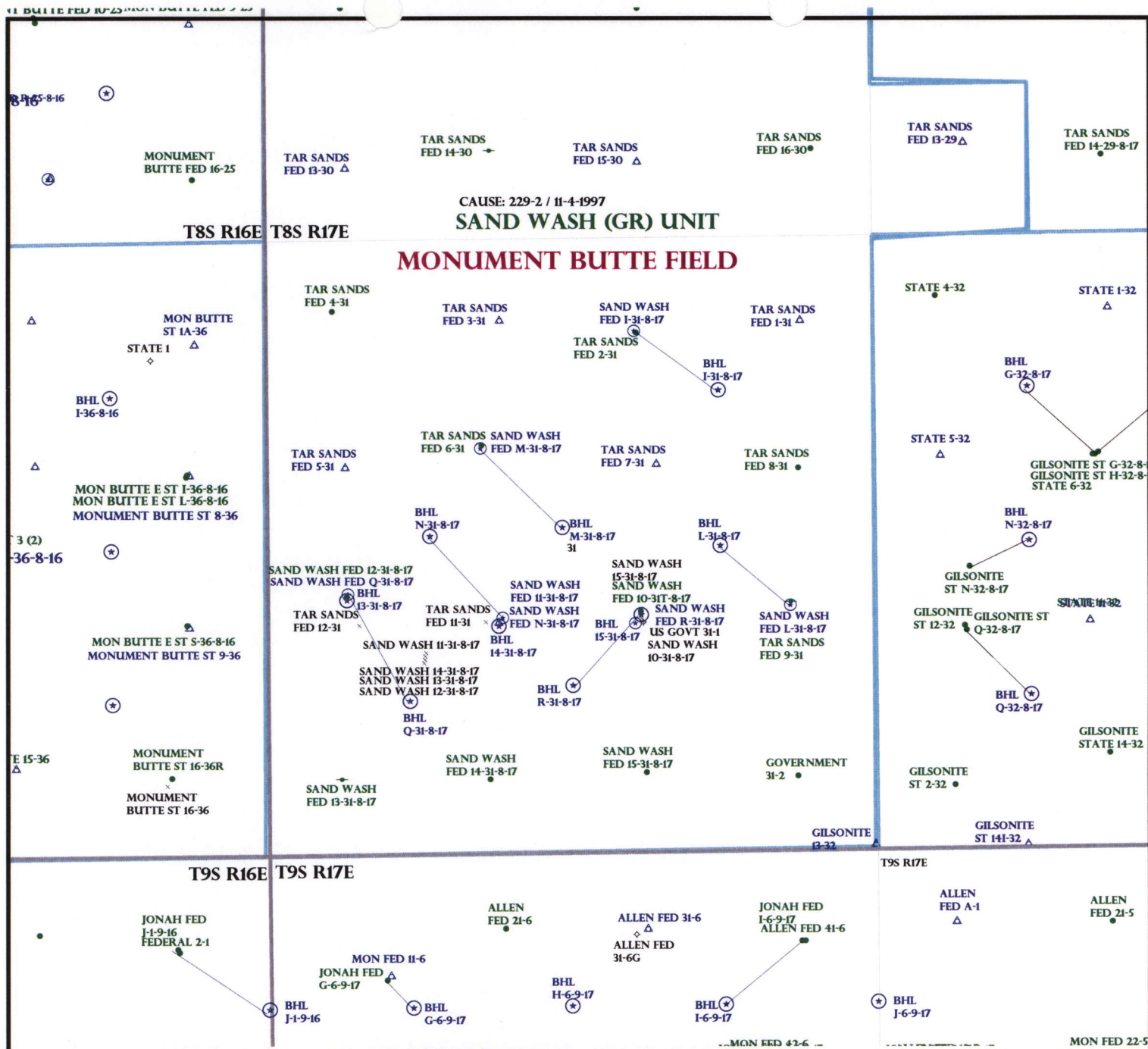
☒ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 31 T.8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 229-2 / 11-4-1997



PREPARED BY: DIANA MASON
DATE: 21-JULY-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

RECEIVED

JUL 22 2008

DIV. OF OIL, GAS & MINING

IN REPLY REFER TO:
3160
(UT-922)

July 21, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Sand Wash Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Sand Wash Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Green River)

43-013-34031	Sand Wash Fed M-31-8-17 Sec 31 T08S R17E 1802 FNL 1827 FWL	BHL Sec 31 T08S R17E 2805 FSL 2670 FEL
--------------	--	--

43-013-34032	Sand Wash Fed N-31-8-17 Sec 31 T08S R17E 2034 FSL 2002 FWL	BHL Sec 31 T08S R17E 2556 FNL 1385 FWL
--------------	--	--

43-013-34033	Sand Wash Fed R-31-8-17 Sec 31 T08S R17E 1973 FSL 2055 FEL	BHL Sec 31 T08S R17E 1445 FSL 2595 FEL
--------------	--	--

We have no objections to permitting the well so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Sand Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-21-08



July 23, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Sand Wash Federal R-31-8-17
Sand Wash Unit
UTU-76788X
Surface Hole: T8S R17E, Section 31: NWSE
1973' FSL 2055' FEL
Bottom Hole: T8S R17E, Section 31
1445' FSL 2595' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated July 14, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Sand Wash Unit UTU-76788X. Newfield certifies that it is the Sand Wash Unit Operator and all lands within 460 feet of the entire directional well bore are within the Sand Wash Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

JUL 25 2008

DIV. OF OIL, GAS & MINING

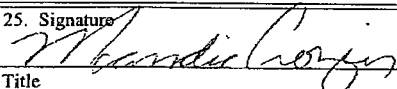
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-74869	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company			7. If Unit or CA Agreement, Name and No. Sand Wash Unit	
3a. Address Route #3 Box 3630, Myton UT 84052			8. Lease Name and Well No. Sand Wash Federal R-31-8-17	
3b. Phone No. (include area code) (435) 646-3721			9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1973' FSL 2055' FEL At proposed prod. zone 1445' FSL 2595' FEL			10. Field and Pool, or Exploratory Monument Butte	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 31, T8S R17E			12. County or Parish Duchesne	
13. State UT			14. Distance in miles and direction from nearest town or post office* Approximatley 11.2 miles south of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1445' f/lse, 1445' f/unit			16. No. of Acres in lease 1177.07	
17. Spacing Unit dedicated to this well 20 Acres			18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1167'	
19. Proposed Depth 6260'			20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5332' GL			22. Approximate date work will start* 4th Quarter 2008	
23. Estimated duration Approximately seven (7) days from spud to rig release.			24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 7/14/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

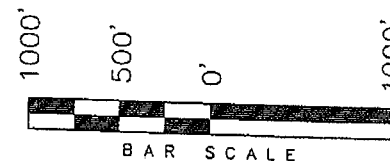
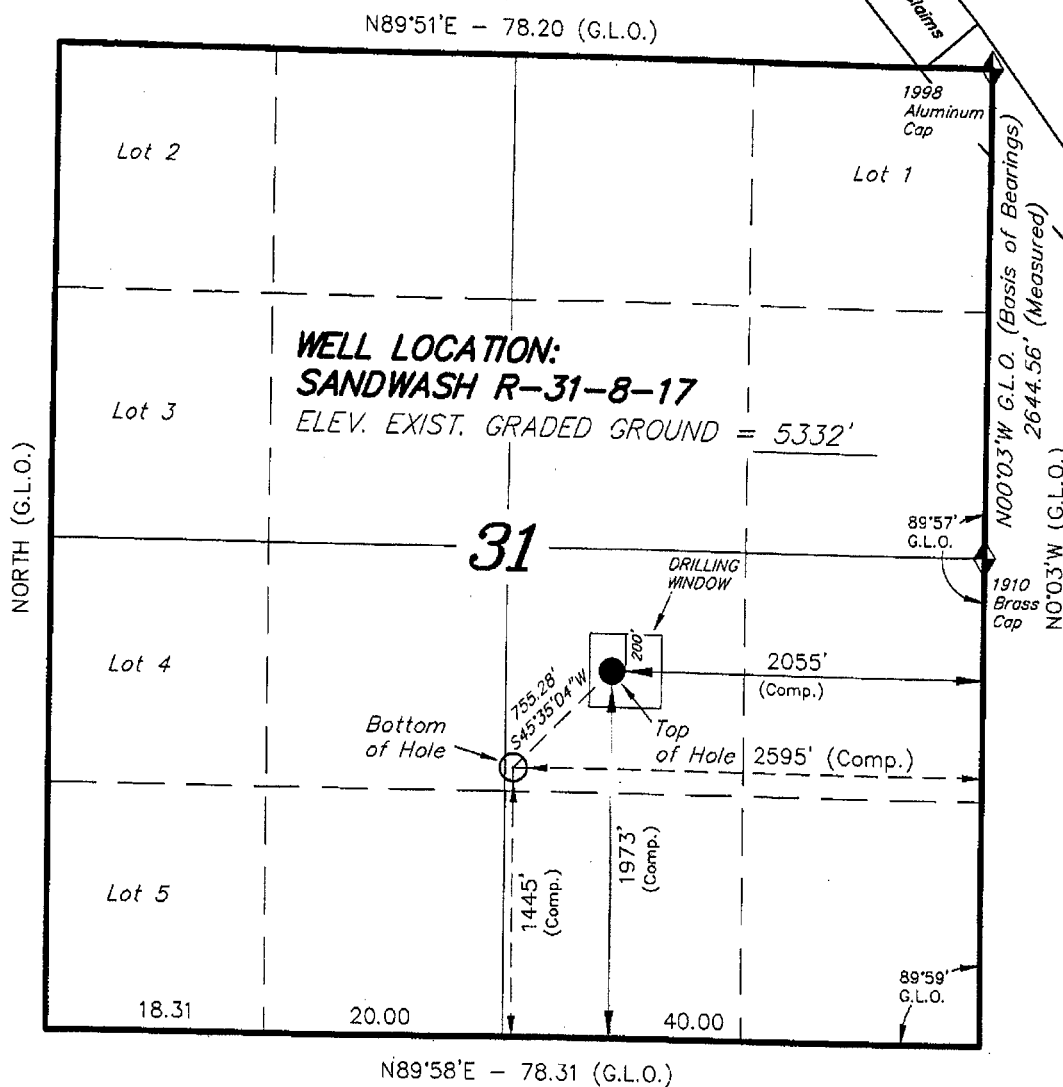
JUL 25 2008

DIV. OF OIL, GAS & MINING

T8S, R17E, S.L.B.&M.

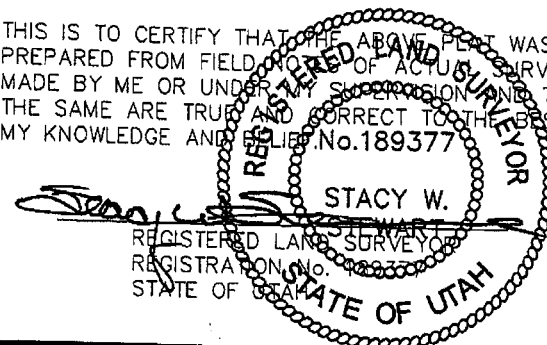
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SANDWASH R-31-8-17,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 31, T8S, R17E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



Note:
The Proposed Well head bears
S72°06'20"W 2158.91' from the East
1/4 Corner of Section 31.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SANDWASH R-31-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 21.33"
LONGITUDE = 110° 02' 49.91"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-12-08	SURVEYED BY: T.H.
DATE DRAWN: 05-13-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 31, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Sand Wash Federal R-31-8-17 Well, Surface Location 1973' FSL, 2055' FEL, NW SE,
Sec. 31, T. 8 South, R. 17 East, Bottom Location 1445' FSL, 2595' FEL, NW SE,
Sec. 31, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34033.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Sand Wash Federal R-31-8-17
API Number: 43-013-34033
Lease: UTU-74869

Surface Location: NW SE Sec. 31 T. 8 South R. 17 East
Bottom Location: NW SE Sec. 31 T. 8 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Form 3160-3
(September 2001)

RECEIVED
VERNAL FIELD OFFICE

2008 JUL 17 17 1 48

UNITED STATES DEPT. OF THE INTERIOR
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-74869

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Sand Wash Unit

8. Lease Name and Well No.
Sand Wash Federal R-31-8-17

9. API Well No.
43 013 34033

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 31, T8S R17E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NW/SE 1973' FSL 2055' FEL

At proposed prod. zone 1445' FSL 2595' FEL NWSE

14. Distance in miles and direction from nearest town or post office*
Approximatley 11.2 miles south of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 1445' f/lse, 1445' f/unit

16. No. of Acres in lease
1177.07

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1167'

19. Proposed Depth
6260'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5332' GL

22. Approximate date work will start*
4th Quarter 2008

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier
Title
Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
7/14/08

Approved by (Signature)
[Signature]
Title
Assistant Field Manager
Lands & Mineral Resources

Name (Printed/Typed)
Jerry Kavelka
Office
VERNAL FIELD OFFICE

Date
JAN 16 2009

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

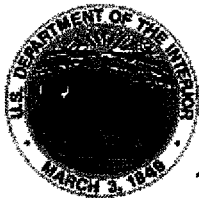
NOS 5/27/08

UDOGM
MISS# 08PP0833A

RECEIVED

JAN 27 2009

DIV. OF OIL, GAS & MINING

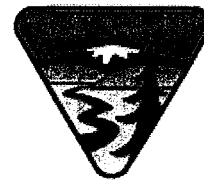


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: NWSE, Sec. 31, T8S, R17E (S)
NWSE, Sec. 31, T8S, R17E (B)
Well No: Sand Wash Federal R-31-8-17 Lease No: UTU-74869
API No: 43-013-34033 Agreement: Sand Wash Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

- Refer to Environmental Assessment 2009-0016

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- None

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

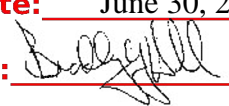
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: SAND WASH (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: SAND WASH FED R-31-8-17			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1973 FSL 2055 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 31 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013340330000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/31/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield requests to extend the Permit to Drill this well for one year.					
Approved by the Utah Division of Oil, Gas and Mining Date: June 30, 2009 By: 					
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825			
SIGNATURE N/A		TITLE Regulatory Tech DATE 6/29/2009			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013340330000

API: 43013340330000

Well Name: SAND WASH FED R-31-8-17

Location: 1973 FSL 2055 FEL QTR NWSE SEC 31 TWP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/31/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 6/29/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: June 30, 2009

By:

RECEIVED June 29, 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1973' FSL & 2055' FEL (NW/SE) SEC. 31, T8S, R17E (UTU-74869)

At top prod. interval reported below 1543' FSL & 2505' FEL (NW/SE) SEC. 31, T8S, R17E (UTU-74869)

At total depth 1327' FSL & 2563' FWL (SE/ SW) SEC. 31, T8S, R17E (UTU-74869)

14. Date Spudded
01/28/2010

15. Date T.D. Reached
02/09/2010

16. Date Completed 03/12/2010
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 6280'
TVD 6201'

19. Plug Back T.D.: MD 6228'
TVD 6149

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	321'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6267'		252 PRIMLITE		58'	
						454 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 5950'	TA @ 5820'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5853-5860' CP2	.36"	3	21
B) Green River			5346-5494' A1 A3 & LODC	.34"	3	57
C) Green River			4961-5070' D2 & C	.34"	3	30
D) Green River			4378-4434' GB4 & GB6	.34"	3	30

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5853-5860'	Frac w/ 17244#s 20/40 sand in 144 bbls of Lightning 17 fluid. (CP2)
5346-5494'	Frac w/ 296616#s 20/40 sand in 1892 bbls of Lightning 17 fluid. (A1 A3 & LODC)
4961-5070'	Frac w/ 45913#s 20/40 sand in 224 bbls of Lightning 17 fluid. (D2 & C)
4378-4434'	Frac w/ 44117#s 20/40 sand in 294 bbls of Lightning 17 fluid. (GB4 & GB6)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3-9-10	3-29-10	24	→	7	0	4			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

5. Lease Serial No.
UTU-74869

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

8. Lease Name and Well No.
SANDWASH R-31-8-17

9. AFI Well No.
43-013-34033

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area SEC. 31, T8S, R17E

12. County or Parish
DUCHESNE

13. State
UT

17. Elevations (DF, RKB, RT, GL)*
5332' GL 5344' KB

RECEIVED

APR 14 2010

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3876' 4090'
				GARDEN GULCH 2 POINT 3	4196' 4469'
				X MRKR Y MRKR	4707' 4746'
				DOUGALS CREEK MRK BI CARBONATE MRK	4871' 5112'
				B LIMESTON MRK CASTLE PEAK	5231' 5741'
				BASAL CARBONATE	6164'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 04/05/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 31 T8S R17E
R-31-8-17**

Wellbore #1

Design: Wellbore #1

Standard Survey Report

09 February, 2010



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 31 T8S R17E
Well: R-31-8-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well R-31-8-17
TVD Reference: WELL @ 5344.0ft (NEWFIELD RIG)
MD Reference: WELL @ 5344.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Utah Central Zone

System Datum: Mean Sea Level
 Using geodetic scale factor

Site SECTION 31 T8S R17E, SEC 31 T8S R17E

Site Position: Northing: 7,199,169.00ft Latitude: 40° 4' 28.063 N
From: Lat/Long Easting: 2,048,214.00ft Longitude: 110° 2' 33.522 W
Position Uncertainty: 0.0ft Slot Radius: " Grid Convergence: 0.93°

Well R-31-8-17, SHL: LAT 40 04 21.33, LONG -110 02 49.91

Well Position +N/-S 0.0ft Northing: 7,198,467.12ft Latitude: 40° 4' 21.330 N
 +E/-W 0.0ft Easting: 2,046,951.41ft Longitude: 110° 2' 49.910 W
Position Uncertainty 0.0ft Wellhead Elevation: 5,344.0ft Ground Level: 5,332.0ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.48	65.87	52,464

Design Wellbore #1

Audit Notes:

Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	225.58

Survey Program Date 2/9/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
408.0	6,280.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
408.0	0.79	122.60	408.0	-1.5	2.4	-0.6	0.19	0.19	0.00
439.0	0.86	123.04	439.0	-1.8	2.7	-0.7	0.23	0.23	1.42
470.0	0.90	134.99	470.0	-2.1	3.1	-0.8	0.60	0.13	38.55
501.0	1.10	161.64	501.0	-2.5	3.4	-0.7	1.61	0.65	85.97
531.0	1.27	187.59	531.0	-3.1	3.4	-0.3	1.86	0.57	86.50
562.0	1.63	203.15	562.0	-3.9	3.2	0.4	1.71	1.16	50.19
593.0	1.89	209.26	592.9	-4.7	2.8	1.3	1.03	0.84	19.71
623.0	2.11	211.43	622.9	-5.6	2.3	2.3	0.78	0.73	7.23
654.0	2.31	220.71	653.9	-6.6	1.5	3.5	1.32	0.65	29.94
685.0	2.55	230.28	684.9	-7.5	0.6	4.8	1.52	0.77	30.87
716.0	2.75	231.18	715.8	-8.4	-0.5	6.2	0.66	0.65	2.90
746.0	3.12	231.80	745.8	-9.4	-1.7	7.8	1.24	1.23	2.07



HATHAWAYBURNHAM

Survey Report

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Design: Wellbore #1

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MD Reference: WELL @ 5344.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
777.0	3.67	230.28	776.7	-10.5	-3.1	9.6	1.80	1.77	-4.90
807.0	4.20	229.25	806.7	-11.8	-4.7	11.6	1.78	1.77	-3.43
853.0	4.97	229.10	852.5	-14.2	-7.5	15.3	1.67	1.67	-0.33
898.0	5.65	228.13	897.3	-17.0	-10.6	19.5	1.52	1.51	-2.16
943.0	6.15	227.67	942.1	-20.1	-14.0	24.1	1.12	1.11	-1.02
989.0	6.88	226.26	987.8	-23.7	-17.8	29.3	1.62	1.59	-3.07
1,034.0	7.45	226.86	1,032.4	-27.5	-21.9	34.9	1.28	1.27	1.33
1,079.0	7.95	227.65	1,077.0	-31.6	-26.4	40.9	1.14	1.11	1.76
1,124.0	8.68	229.10	1,121.6	-35.9	-31.2	47.4	1.69	1.62	3.22
1,170.0	9.23	229.47	1,167.0	-40.6	-36.6	54.6	1.20	1.20	0.80
1,215.0	9.60	229.00	1,211.4	-45.4	-42.2	61.9	0.84	0.82	-1.04
1,260.0	10.14	230.48	1,255.7	-50.4	-48.1	69.6	1.33	1.20	3.29
1,351.0	10.80	229.60	1,345.2	-61.0	-60.8	86.1	0.75	0.73	-0.97
1,442.0	11.23	229.19	1,434.5	-72.3	-74.0	103.5	0.48	0.47	-0.45
1,532.0	11.60	228.09	1,522.8	-84.1	-87.3	121.3	0.48	0.41	-1.22
1,623.0	11.70	227.50	1,611.9	-96.4	-101.0	139.6	0.17	0.11	-0.65
1,713.0	11.58	227.30	1,700.0	-108.7	-114.3	157.8	0.14	-0.13	-0.22
1,804.0	10.70	223.40	1,789.3	-121.1	-126.8	175.3	1.27	-0.97	-4.29
1,895.0	10.40	224.00	1,878.8	-133.1	-138.4	192.0	0.35	-0.33	0.66
1,985.0	10.20	222.90	1,967.3	-144.8	-149.4	208.1	0.31	-0.22	-1.22
2,076.0	9.93	224.48	2,056.9	-156.3	-160.4	224.0	0.42	-0.30	1.74
2,166.0	10.30	225.30	2,145.5	-167.5	-171.6	239.8	0.44	0.41	0.91
2,257.0	9.80	223.90	2,235.1	-178.8	-182.7	255.6	0.61	-0.55	-1.54
2,347.0	9.50	222.40	2,323.9	-189.8	-193.0	270.7	0.43	-0.33	-1.67
2,438.0	9.10	224.00	2,413.7	-200.5	-203.1	285.4	0.52	-0.44	1.76
2,529.0	9.62	225.98	2,503.5	-211.0	-213.6	300.2	0.67	0.57	2.18
2,619.0	9.50	226.60	2,592.2	-221.3	-224.4	315.1	0.18	-0.13	0.69
2,710.0	9.80	225.40	2,681.9	-231.9	-235.3	330.4	0.40	0.33	-1.32
2,801.0	9.92	221.65	2,771.6	-243.2	-246.1	346.0	0.72	0.13	-4.12
2,891.0	9.65	221.65	2,860.3	-254.6	-256.2	361.2	0.30	-0.30	0.00
2,982.0	11.12	225.38	2,949.8	-266.5	-267.5	377.6	1.78	1.62	4.10
3,072.0	11.69	228.97	3,038.0	-278.6	-280.6	395.4	1.01	0.63	3.99
3,163.0	11.56	230.56	3,127.1	-290.4	-294.6	413.7	0.38	-0.14	1.75
3,254.0	11.01	231.13	3,216.4	-301.7	-308.4	431.4	0.62	-0.60	0.63
3,345.0	10.52	227.71	3,305.8	-312.7	-321.3	448.4	0.88	-0.54	-3.76
3,435.0	10.74	228.42	3,394.2	-323.8	-333.7	464.9	0.28	0.24	0.79
3,526.0	10.06	225.58	3,483.7	-335.0	-345.7	481.4	0.94	-0.75	-3.12
3,616.0	10.24	225.58	3,572.3	-346.1	-357.0	497.2	0.20	0.20	0.00
3,707.0	10.28	227.52	3,661.9	-357.2	-368.8	513.4	0.38	0.04	2.13
3,797.0	9.67	226.57	3,750.5	-367.9	-380.2	529.0	0.70	-0.68	-1.06
3,887.0	9.25	226.57	3,839.3	-378.0	-390.9	543.8	0.47	-0.47	0.00
3,978.0	9.51	226.57	3,929.1	-388.2	-401.7	558.6	0.29	0.29	0.00
4,068.0	9.76	228.00	4,017.8	-398.4	-412.8	573.7	0.38	0.28	1.59
4,159.0	10.22	230.04	4,107.4	-408.8	-424.7	589.4	0.64	0.51	2.24
4,250.0	10.68	230.70	4,196.9	-419.3	-437.4	605.9	0.52	0.51	0.73
4,340.0	10.72	231.73	4,285.3	-429.8	-450.4	622.5	0.22	0.04	1.14
4,431.0	10.88	229.54	4,374.7	-440.6	-463.6	639.5	0.48	0.18	-2.41
4,521.0	10.57	227.19	4,463.2	-451.7	-476.1	656.2	0.60	-0.34	-2.61
4,612.0	10.00	227.00	4,552.7	-462.8	-488.0	672.5	0.63	-0.63	-0.21
4,702.0	9.80	227.00	4,641.4	-473.3	-499.3	687.9	0.22	-0.22	0.00
4,793.0	9.82	224.92	4,731.0	-484.1	-510.5	703.4	0.39	0.02	-2.29
4,884.0	10.31	224.90	4,820.6	-495.4	-521.7	719.3	0.54	0.54	-0.02
4,974.0	10.31	224.97	4,909.2	-506.8	-533.1	735.4	0.01	0.00	0.08
5,065.0	10.00	225.30	4,998.7	-518.1	-544.5	751.5	0.35	-0.34	0.36



HATHAWAYBURNHAM

Survey Report

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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,155.0	9.40	223.50	5,087.5	-528.9	-555.1	766.7	0.75	-0.67	-2.00
5,246.0	9.49	224.64	5,177.2	-539.7	-565.5	781.6	0.23	0.10	1.25
5,337.0	8.57	226.09	5,267.1	-549.7	-575.6	795.9	1.04	-1.01	1.59
5,427.0	9.49	225.54	5,356.0	-559.5	-585.7	810.0	1.03	1.02	-0.61
5,518.0	9.76	225.34	5,445.7	-570.2	-596.6	825.2	0.30	0.30	-0.22
5,608.0	8.50	222.51	5,534.6	-580.5	-606.5	839.5	1.49	-1.40	-3.14
5,699.0	7.87	218.13	5,624.6	-590.3	-614.9	852.4	0.97	-0.69	-4.81
5,790.0	7.90	213.36	5,714.8	-600.5	-622.2	864.7	0.72	0.03	-5.24
5,880.0	8.42	217.32	5,803.9	-610.9	-629.6	877.2	0.85	0.58	4.40
5,971.0	8.06	217.85	5,893.9	-621.2	-637.5	890.1	0.40	-0.40	0.58
6,061.0	7.80	221.12	5,983.1	-630.8	-645.4	902.5	0.58	-0.29	3.63
6,152.0	6.83	221.87	6,073.3	-639.5	-653.1	914.0	1.07	-1.07	0.82
6,226.0	6.22	218.53	6,146.8	-645.9	-658.5	922.4	0.97	-0.82	-4.51
6,280.0	6.22	218.53	6,200.5	-650.5	-662.2	928.2	0.00	0.00	0.00

Checked By: _____

Approved By: _____

Date: _____

NEWFIELD



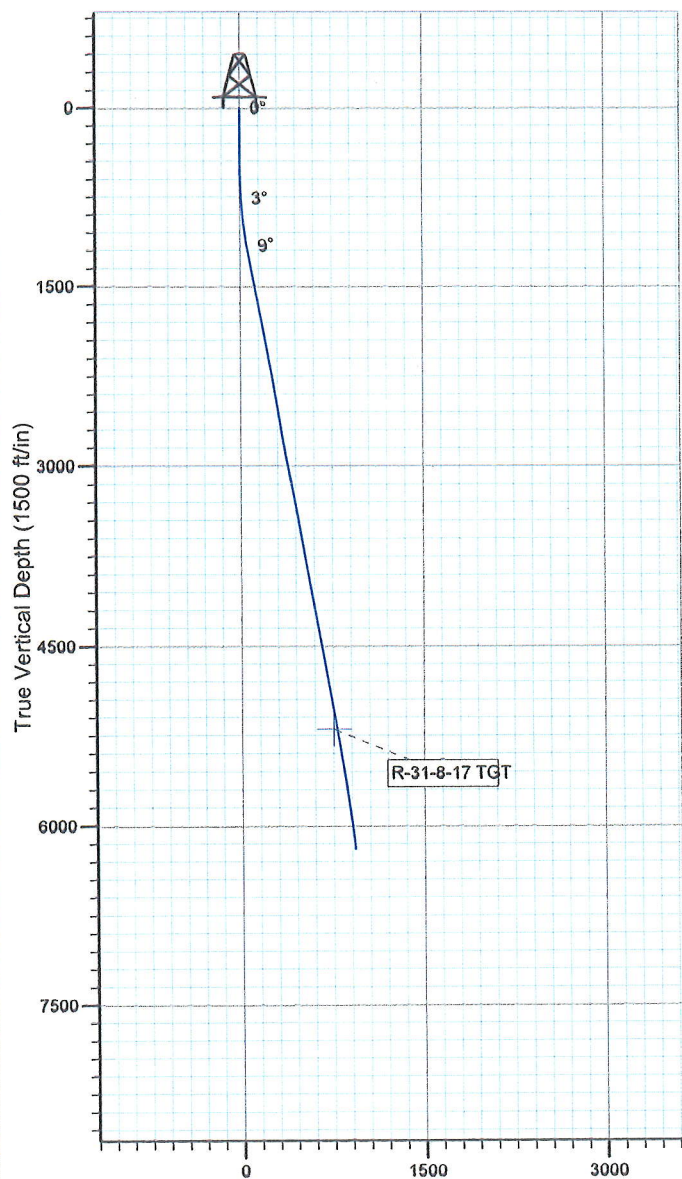
Project: USGS Myton SW (UT)
 Site: SECTION 31 T8S R17E
 Well: R-31-8-17
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT

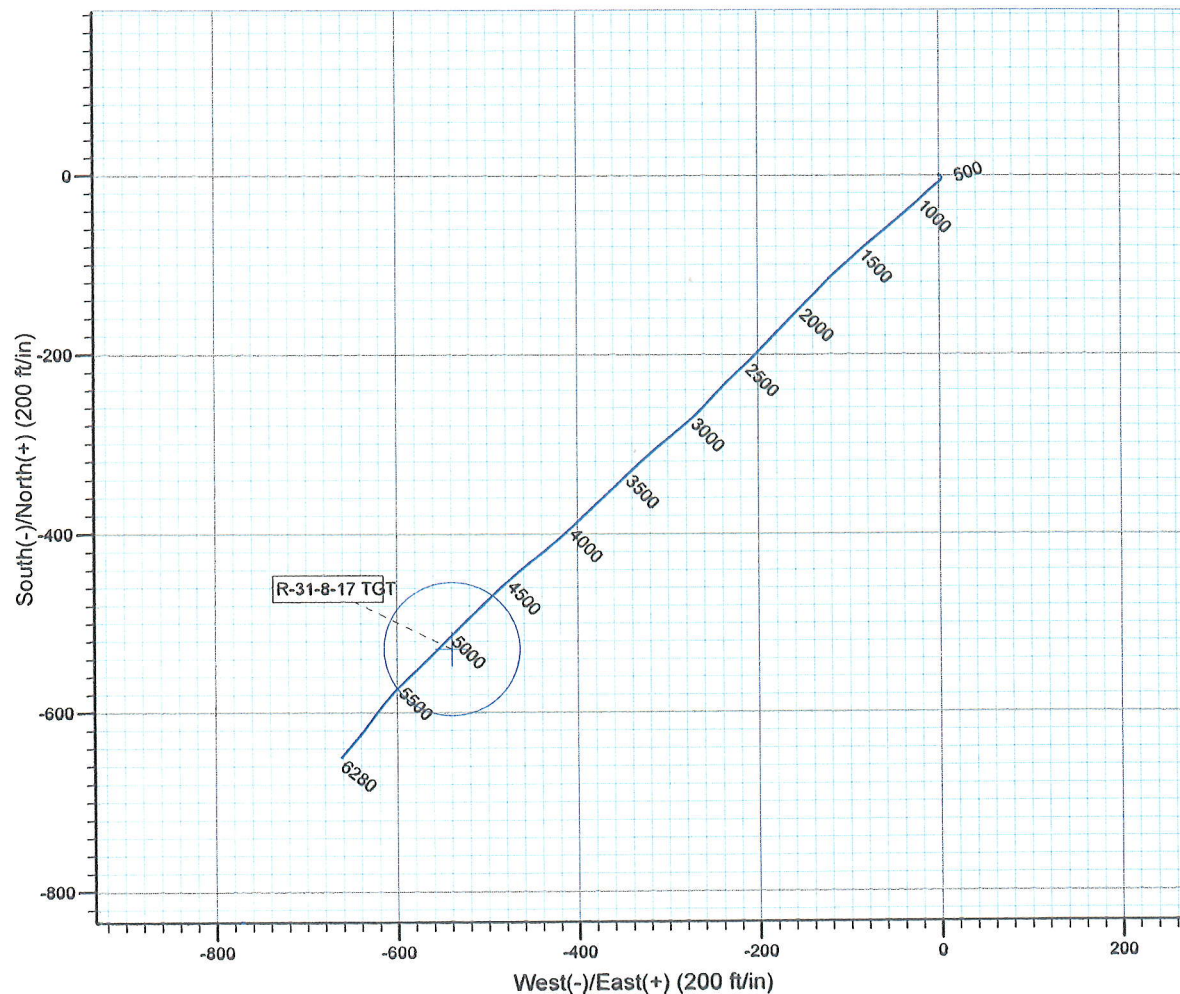


Azimuths to True North
 Magnetic North: 11.48°

Magnetic Field
 Strength: 52464.4snT
 Dip Angle: 65.87°
 Date: 12/31/2009
 Model: IGRF200510



Vertical Section at 225.58° (1500 ft/in)



Design: Wellbore #1 (R-31-8-17/Wellbore #1)

Created By: *Jim Hudson* Date: 7:22, February 09 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE
 AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

SANDWASH R-31-8-17**12/1/2009 To 4/28/2010****SANDWASH R-31-8-17****Waiting on Cement****Date:** 1/25/2010

Ross #29 at 320. Days Since Spud - Run 7 jts 8 5/8" casing (Guide shoe, shoe jt., baffle plate, 6jts) Set @ 320.51' KB - On 1/28/10 Cemented 8 5/8" casing W/ 160 sks Class " G" + 2% CaCl + .25#sk CelloFlake - mixed @ 15.8ppg W/ 1.17 yield Returned 5bbls of cement to pit. - Ross Rig # 29 Spud the Sand Wash Fed. On 1/28/10 @ 9:00 AM Drilled 320' pf 12 1/4" hole

Daily Cost: \$0**Cumulative Cost:** \$42,153**SANDWASH R-31-8-17****Waiting on Cement****Date:** 2/5/2010

Capstar #328 at 320. 0 Days Since Spud - Rig down and prepare to move to the Sandwash R-31-8-17 on 2-5-10. (.75 mile move)

Daily Cost: \$0**Cumulative Cost:** \$42,503**SANDWASH R-31-8-17****Drill 7 7/8" hole with fresh water****Date:** 2/6/2010

Capstar #328 at 1042. 1 Days Since Spud - PU Smith Mi 616 77/8", 77/8" Dog sub 6.5" Hunting 4.8 stg 1.5 degree MM, 1x30.15' monel, Gap sub 3.4 - BLM & State was notified of Rig move & Bop test on 2/4/10 & Move on 2/5/10 & Test @ 4:00 PM - Rig down on the Sand wash Fed N-31-8-17 - Move Rig & rig up w/ Howcroft on Sandwah Fed R-31-8-17 on 2/5/10, Moved 1/4 mile - Nipple up bops - RU B&C Quick test & Test Top drive-floor valves-Blind rams-Pipe rams-Inside outside choke valves to - 2000 psi for 10 min & Test casing to 1500 psi for 30 min test ok Tested Hydrill 4 times it would not - test so we plugged Hyd lines (Rig went on the clock @ 3:00 PM on 2/5/10) - Set in flow line & Lay out BHA - No H2S in the last 24 hrs - Drill 77/8 hole f/ 370 to 1042 WOB 10/12,000 lbs 184 rpms, 409 gpm, 159 rop - Install rotating head - Drill 77/8 hole f/ 245 to 370 WOB 10/12,000 lbs 184 rpms, 409 gpm, 159 rop - Ant sub 2.55', Monel 31.10', 25 HWDP= 765.15' TIH @ Tag cmt @ 245' - Hook up the flair lines & Load the racks & Strap the BHA

Daily Cost: \$0**Cumulative Cost:** \$75,102**SANDWASH R-31-8-17****Drill 7 7/8" hole with fresh water****Date:** 2/7/2010

Capstar #328 at 4258. 2 Days Since Spud - Drill 77/8 hole F/ 2808 to 4258' WOB= 21,000# RPMS=184 GPM= 409 ROP= 191' - Rig serv Grease top drive drive lines draw works - Drill 77/8 hole F/ 1042 to 1586' WOB= 21,000# RPMS=184 GPM= 409 ROP= 191' - No H2S IN THE LAST 24 HRS

Daily Cost: \$0**Cumulative Cost:** \$93,861**SANDWASH R-31-8-17****Drill 7 7/8" hole with fresh water****Date:** 2/8/2010

Capstar #328 at 6252. 3 Days Since Spud - Drill 77/8 hole F/5347 to 6252 WOB = 23,000#

RPMS= 184 ROP= 156' GPM= 409 - Rig serv check crown o matice grease top drive & Drive line draw works - Drill 77/8 hole F/5254 to 5347 WOB = 23,000# RPMS= 184 ROP= 156' GPM= 409 - Kelly hose got a hole in it & they relaced it - Drill 77/8 hole F/4257 to 5028 WOB = 23,000# RPMS= 184 ROP= 156' GPM= 409

Daily Cost: \$0

Cumulative Cost: \$123,100

SANDWASH R-31-8-17

TIH

Date: 2/9/2010

Capstar #328 at 6280. 4 Days Since Spud - Strip in hole with wire line - there fingers in it - Changed out sheave on wire line so someone would not get - Strip in hole - Fishing tools Over shot- Ext-Xo 1jt of HWDP - Hold Saftey mtg & JSA with new crew Cut line on logging truck & Put ends on wire line & RU Slaugh - Hold Saftey mtg & JSA on Rigging up fishing tools - Wait on fishing hand & Tools - 3000# over on wire line work up & down - sated Density Compensated Neutron (Loggers depth 6289') The loggers got stuck @ 5366' we pulled - RU Phoenix surveyInc log well F/TD to 5366' w/ Duel Induction Guard log Gamma Ray Calipar log Compen - LDDP & BHA - Pump sweep & Circ for lay down - Drill 77/8 hole f/ 6252' to 6280' WOB = 23,000# RPMS= 184 ROP= 156' GPM= 409

Daily Cost: \$0

Cumulative Cost: \$197,934

SANDWASH R-31-8-17

Rigging down

Date: 2/10/2010

Capstar #328 at 6280. 6 Days Since Spud - BLM & State was notified of rig move & Bop test - Fishing tools Over shot- Ext-Xo 1jt of HWDP - Clean mud tanks - Clean Mud tanks - Nipple down & set 5.5 casing slips w/ 92,000#s - RD BJ - Pump 148 bbls of disp 25 bbls cement returned pit bumped plug to 2200 psi - 50:50:2+3%KCL+0.5%EC- 1+.25#CF+.05#SF+.3SMS+FP-6L 14.4 ppg & 1.24 yeild - PLII+3% KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF & Mixed 454 sks of tail cement mixed @ - Hold saftey mtg PSI test BJ lines to 3800 psi & Pump 252 sks cement mixed @ 11 ppg & 3.53 yeild & - Circ & RU BJ - 6 jts will be transferred to the next well Ute Tribe 3-1-5-1E - RU & Run 168 jts of 5.5 J55 15.5# LTC Shoe is @ 6267.18' Float collar @ 6227.76' - Put 5.5 casing rams & Test W/ B&C Quick test to 2000#s for 10 min test ok - TOO H with fish & Lay down fish - Pull out of rope socket on wire line truck - Tag fish work pipe to get on fish - Trip last 3jts real slow to get on fish - Fishing tools Over shot- Ext-Xo 1jt of HWDP - BLM & State was notified of rig move & Bop test - Release rig @ 8:30 AM on 2/10/10 - Clean mud tanks - Clean Mud tanks - Nipple down & set 5.5 casing slips w/ 92,000#s - RD BJ - Pump 148 bbls of disp 25 bbls cement returned pit bumped plug to 2200 psi - 50:50:2+3%KCL+0.5%EC- 1+.25#CF+.05#SF+.3SMS+FP-6L 14.4 ppg & 1.24 yeild - PLII+3% KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF & Mixed 454 sks of tail cement mixed @ - Hold saftey mtg PSI test BJ lines to 3800 psi & Pump 252 sks cement mixed @ 11 ppg & 3.53 yeild & - Circ & RU BJ - 6 jts will be transferred to the next well Ute Tribe 3-1-5-1E - RU & Run 168 jts of 5.5 J55 15.5# LTC Shoe is @ 6267.18' Float collar @ 6227.76' - Put 5.5 casing rams & Test W/ B&C Quick test to 2000#s for 10 min test ok - TOO H with fish & Lay down fish - Pull out of rope socket on wire line truck - Tag fish work pipe to get on fish - Trip last 3jts real slow to get on fish - Release rig @ 8:30 AM on 2/10/10 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$323,687

Pertinent Files: Go to File List